

10/500494

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau(43) International Publication Date  
9 October 2003 (09.10.2003)

PCT

(10) International Publication Number  
**WO 03/082325 A1**

- (51) International Patent Classification<sup>7</sup>: **A61K 38/49**, 38/16, 38/43, 38/54 (74) Agents: **ROSENFELD, Jennifer, K. et al.**; Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (US).
- (21) International Application Number: PCT/US03/09939 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 29 March 2003 (29.03.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/368,846 29 March 2002 (29.03.2002) US (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:  
US 60/368,846 (CIP)  
Filed on 29 March 2002 (29.03.2002)
- (71) Applicant (*for all designated States except US*): **THE JOHNS HOPKINS UNIVERSITY** [US/US]; School of Medicine, 2024 East Monument, Suite 2-100, Baltimore, MD 21205 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **HANLEY, Daniel, E.** [US/US]; 1204 Berwick Road, Towson, MD 21204 (US). **NAFF, Neal, J.** [US/US]; 1714 Bolton Street, Baltimore, MD 21217 (US).

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 03/082325 A1

(54) Title: INTRAVENTRICULAR HEMORRHAGE THROMBOLYSIS

(57) Abstract: The invention provides methods of treating intraventricular hemorrhage using thrombolytic agents.